

Cal-IPGCA COHORT 2019 HACKATHON

HACKATHON ORIGIN

Predicated on two key factors: Governor Newsom's Executive Order N-04-09 and an aligned recommendation by the Digital Upskilling IP Cohort 2018 team, Cohort 2019 held its first annual Hackathon. The October 14 Hackathon was sponsored by the Cal-IPGCA Association and hosted by the California Franchise Tax Board.

Held in the 4th Month of Cohort 2019, the Hackathon was premised from well-defined problem statements and matured moonshot project constructs. The inaugural outcome was a resounding success.

Hacking at its best is creative problem solving. It's intentional that the Hackathon was conducted late in the Cohort calendar, as the purpose was not to design the solution but instead to enhance the outcome.

- Cohort teams were seeking an infusion of radical new perspectives and new ways to look at their innovation priorities and moonshot projects that could enhance the capacity for the moonshots projects to better serve constituent communities being served.
- The contribution of the hackers is well represented in the outcome reports of Team 2 (Digi Up Transformers) and Team 3 (CalTogether), but their footprint on the program will continue as members of the hacker team are included in the next steps and recommendations communicated.

Skills and Expertise Sought

The Hackathon was open ended participation: Coders, App developers, data analysts and data storytellers, software developers, artists, graphic designers, trainers and curriculum designers, video production, communications specialists, community advocates, diversity specialists, social media influencers, policy gurus, program analysts, fiscal hawks, whole-systems thinkers, business plan and grant writing aficionados, venture capitalists. **BOTTOM LINE:** Anyone with value to invest in return for the capacity to change the world!

Cal-IPGCA
HACKATHON 2019
OCTOBER 14, 8AM - 5PM



COHORT 2019 VIDEO FEATURES



- **Hackathon 2019 Outcomes Montage**

- Team 2: [Digi Up Transformers Hackathon Moonshot Overview](#)
- Team 3: [CalTogether Hackathon Moonshot Overview](#)
- Team 4: [Code 3 Moonshot Overview](#)
- Team 5: [Wall Busters for Life Moonshot Overview](#)

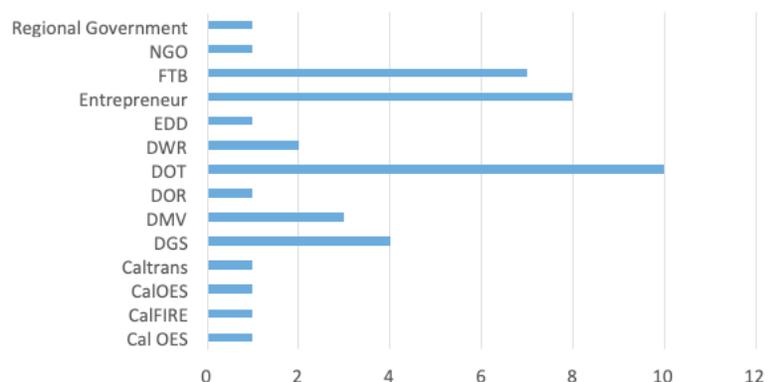
Types of Hackers Sought

Creative minds, entre/intrapreneurs and problem solvers from all walks of life... scientific community, academic community, tech community, entrepreneurial communities and start-up companies, NGO's, and state workers – all ages; all spectrums of expertise!

- **There were 53 Hackers in attendance at the event.**

Data was available on 42 of the 53 attendees. (Access break-down here.)

Cal-IPGA Hackathon Entities



Cal-IPGCA COHORT 2019 HACKATHON

- Of the 42 Hackathon Respondents, 5 and previously attended a Hackathon and 37 had not.

Have you previously participated in a Hackathon?

Answered: 42 Skipped: 0

ANSWER CHOICES	RESPONSES	
Yes	11.90%	5
No	88.10%	37
TOTAL		42

- Hackathon Technical Skills Identification

ANSWER CHOICES	RESPONSES	
App Developer	30.95%	13
Coder	28.57%	12
Collaborator	38.10%	16
Communications Guru	23.81%	10
Contracts Specialist	4.76%	2
Curriculum Developer	7.14%	3
Data Analytics	38.10%	16
Emergency Management Specialist	7.14%	3
Entrepreneur -Intrapreneur	11.90%	5
Fiscal Management	7.14%	3
Grant Writer	0.00%	0
Graphic Artist	9.52%	4
HR Specialist	4.76%	2
Innovator	47.62%	20
Legal	0.00%	0
Legislative Analyst	2.38%	1
Marketing Specialist	7.14%	3

Open Source Specialist	16.67%	7
Policy Analyst	9.52%	4
Process Improvement Specialist	28.57%	12
Project-Program Management	26.19%	11
Security Analyst	14.29%	6
Social Media Influencer	9.52%	4
Social Media Specialist	11.90%	5
Storyteller	19.05%	8
Systems Thinker	28.57%	12
Tech Writer	9.52%	4
Training Developer	14.29%	6
Video Production	4.76%	2
Videographer	2.38%	1
Visual Artist	14.29%	6
Web Developer	30.95%	13
Other (please specify other skill proficiencies not identified.)	16.67%	7
Total Respondents: 42		

- Hackathon Soft Skills Analysis

ANSWER CHOICES	RESPONSES	
App Developer	30.95%	13
Coder	28.57%	12
Collaborator	38.10%	16
Communications Guru	23.81%	10
Contracts Specialist	4.76%	2
Curriculum Developer	7.14%	3
Data Analytics	38.10%	16
Emergency Management Specialist	7.14%	3
Entrepreneur -Intrapreneur	11.90%	5
Fiscal Management	7.14%	3
Grant Writer	0.00%	0
Graphic Artist	9.52%	4
HR Specialist	4.76%	2
Innovator	47.62%	20
Legal	0.00%	0
Legislative Analyst	2.38%	1
Marketing Specialist	7.14%	3

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Systems Thinker	28.57%	12
Tech Writer	9.52%	4
Training Developer	14.29%	6
Video Production	4.76%	2
Videographer	2.38%	1
Visual Artist	14.29%	6
Web Developer	30.95%	13
Other (please specify other skill proficiencies not identified.)	16.67%	7
Total Respondents: 42		

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- Hacker attendee identified Social Media Platforms

Answered: 37 Skipped: 5

ANSWER CHOICES	RESPONSES	
Face Book	27.03%	10
Git-Hub	5.41%	2
Instagram	10.81%	4
LinkedIn	32.43%	12
Pinterst	0.00%	0
Slack	5.41%	2
Twitter	0.00%	0
You Tube	2.70%	1
Other (please specify other social media or platform proficiencies.)	16.22%	6
TOTAL		37

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Samples of Self-Identified Hacker Motivations to Attend (6 of 35 responses received)

- I spent 5 years overseeing agile, leading edge IT infrastructure at Apple. Coming to the state was a culture shock. I believe it is our obligation as state workers to use our skills and backgrounds to further the capabilities of the infrastructure around us, and to push for continued cultural and technical growth for all of California. This is an opportunity to, in a small way, do exactly that!
- I want the opportunity to network with other individuals, as I am on a current path to becoming a network security analyst. I have had intensive training through the Cisco Networking Academy both in self-driven labs and formal classes.
- I hope to find soulmates who also look for such opportunities to disrupt the Status Quo. I’m also hopeful this is not yet another half- trying to do something. I’m looking for a team of likeminded people who are not afraid of being bold, realizes and accepts that there will be collateral damage and yet charges forward with the mission of creating a better future, regardless of how close or far it is.
- I am a new and upcoming cybersecurity specialist. I want to get my hands in anything cybersecurity related to broaden my well-roundedness as it relates to cybersecurity. I am very passionate about protecting California Governments’ assets from attacks and making cyberspace a fun/secure place to work in. I deeply enjoy learning new skills and applying them to my different projects. This hackathon will give me more experience that I can take back to my department and increase our overall security posture. I am VERY excited for this opportunity.
- Shortly after the Paradise disaster happened last year, I saw clouds of white burnt ashes floating around my neighborhood. At first glance, I thought it was snowing outside as it appear to be snowflakes but I realized that it was burnt ashes. I was in shock as I live more than 80 miles away from Paradise and I can see the ashes and smell the burnt scent. I immediately jumped on Google to find out how I can help with the Paradise fire, but to my dismay, I only saw news stations covering the incident and nowhere was I able to find how I can donate and help out. As a resident I really wanted to help out. Fast forward to about six months ago, it was recommended to me that I attend the IPGCA events. After having attended several IPGCA events, I am even more passionate in supporting digital innovation effort and want to contribute my experience and expertise in the digital communication space to the IPGCA team.
- Give me a problem, and I’ll either try to solve it, research solutions, ask the experts, or come up with a solution that makes the process more efficient. It’s like a good game of scrabble. I’m always trying to find more than one way to do something or IMPROVE something. I’m all in on usability and UX - making something (anything!) easy for the user to understand, navigate, and use. Validate with real users; use data to help make decisions. Anything to help the real users. Interacting with government has a negative connotation - and I want to change that.